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20. (Amended) The method of claim 1, wherein the CNS tissue is in tissue culture, and wherein the compound is administered to the tissue culture comprising a glial progenitor cell.

33. (Amended) A method for attracting a glial progenitor cell, or a progeny thereof, to a site of damage or lesion in a central nervous system (CNS) tissue, the method comprising administering a sufficient amount of transforming growth factor alpha (TGF α) polypeptide, or functional fragment thereof, to the site to attract the glial progenitor cell or its progeny to the site, wherein said administration is outside of the ventricles.

--63. (New) A method for attracting a glial progenitor cell, or a progeny thereof, to a site of damage or lesion in a central nervous system (CNS) tissue, the method comprising intrastriatal administering a sufficient amount of transforming growth factor alpha (TGF α) polypeptide, or functional fragment thereof, to the site to attract the glial progenitor cell or its progeny to the site.

64. (New) The method of claim 33, wherein said administration is by continuous infusion. --